APE Model D16-52 Diesel Impact Hammer

The energy output is based on the identical Piston/Travel calculations utilized in the FHWA Gates Formula.
The pile bearing chart is based on the FHWA Gates Formula for pile bearing and is provided for the user's convenience only.

\[
Pile \ Bearing \ (tons) = \frac{(1.75\times\sqrt{E}\times\log_{10}(10N)-100)}{2000}
\]

\[
E = \frac{Developed \ Energy \ and \ N = \text{Number \ of \ Blows \ Per \ Inch}}{}
\]

APE has no preference for these particular formulas and calculations over any other.